



URBAN DISTRICT
COUNCIL OF
KIRKBY-IN-ASHFIELD.



ANNUAL REPORT


ON THE WORK OF THE
PUBLIC HEALTH DEPARTMENT
For the year 1948.



A. B. CLARK, M.B., B.S. (London.)
M.B., Ch.B., D.P.H. (Sheffield.)
(Medical Officer of Health.)



I. M. MASSEY, M.S.I.A.
(Senior Sanitary Inspector and
Superintendent of Public Cleansing.)



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Kirkby-in-Ashfield Urban District Council.

Chairman :

MR. E. HUDSON, J.P.

Vice-Chairman :

MR. R. ANDREWS.

Councillors :

East Ward.

F. S. Arnold
E. Hudson
J. A. Marshall
A. Mead
A. C. Overfield
J. T. Portas
C. E. Sargent

West Ward.

R. Andrews
O. S. Beardsley
G. A. Bust
C. R. Franks
Mrs. A. Jeffries, J.P.

South Ward.

J. W. Aldridge
E. W. Ashley
J. W. E. Bend
A. Eggleshaw
A. Green

Clerk :

F. BOWMAR.

Medical Officer of Health :

W. BAMBER, M.B., CH.B., D.P.H. (Resigned March, 1948).
A. B. CLARK, M.B., B.S., M.B., CH.B., D.P.H. (from April, 1948)

Senior Sanitary Inspector & Superintendent of Public Cleansing :

I. M. MASSEY, M.S.I.A.

Assistant Sanitary Inspector :

W. G. TODD (Resigned December, 1948).

Surveyor :

W. BOSTOCK.

Water Manager :

C. REEVE.

Chief Financial Officer and Rating and Valuation Officer :

E. WARD (Resigned May, 1948).
R. LEGGATTE (from October, 1948).

Gas Manager :

A. MAWSON (Resigned June, 1948).
C. W. ILLINGWORTH, (from August 1948).

Health Visitors :

MISS F. E. TIDESWELL, S.R.N., S.C.M., & H.V.
MISS F. BRADLEY, S.R.N., S.C.M., & H.V.

REPORT.

To the Chairman and Members of the
Kirkby-in-Ashfield Urban District Council.

MR. CHAIRMAN, MADAM AND GENTLEMEN,

I have the honour to present the Annual Health Report for the year 1948, having taken up the position of Medical Officer of Health in April of that year.

It would appear that housing conditions are still very far from satisfactory and that deterioration and dilapidation of existing houses is still very much in evidence. Overcrowding is still far too common and is probably the main cause of the spread of some infectious diseases, such as measles.

Although the birth rate is rather lower, so is the death rate, so that this is on the whole satisfactory.

The Home Help Service has proved of great value to many cases of sickness and maternity.

The attendance at the immunisation clinics has been well maintained and no cases of diphtheria have occurred and, although there were 123 cases of whooping cough, all these occurred in children who had not been immunised against it and there is every hope that they will be much fewer in 1949.

Also the attendances at the Child Welfare and Ante-Natal clinics have been well maintained.

I wish to take this opportunity to express my thanks to the Members of the Council, the Staff of the Health Department and to the Officials in the other Departments, and to the General Practitioners of the area, for the welcome and generous help they have given me since taking up the appointment as Medical Officer of Health.

Your obedient Servant,

A. B. CLARK,

Medical Officer of Health.

Section A.

Statistics and Social Conditions of the Area.

Area (Acres)	...	...	...	...	5831
Population (Census 1931)	...	...	...	...	17,798
Estimated population (mid-year 1948)	...	...	...	...	19,950
Number of inhabited houses 1948	...	...	...	...	5,577
Rateable Value (Nett)	...	...	...	...	£79,245
Estimated product of penny rate	...	...	...	...	£302

Occupied Houses—

	East Ward.	West Ward.	South Ward.	Total.
Estimated	2383	2004	1190	5577
Population—	8534	7165	4251	19,950

The following table compares various Rates in your area with those of England and Wales and selected groups of towns.

Birth Rates, Death Rates and
Analysis of Mortality in the
year 1948.

}

England and Wales, 126 County
Boroughs and Great Towns, and
148 Smaller Towns.

(Provisional Figures based on Weekly and Quarterly Returns)

	Rate per 1000 population		Annual Doath Rate per 1000 pop	Rate per 1000 Live Births.	
	Live Births	Still Births		Diarrhoea & Enteritis under 2 yrs.	Total Deaths under 1 yr.
England ond Wales ...	17.9	0.42	10.8	3.3	34
126 County Boroughs and Great Towns, in- cluding London ...	20.0	0.52	11.6	4.5	39
148 Smaller Towns (estimated populations 25,000 to 50,000 at Census 1931) ...	19.2	0.43	10.7	2.1	32
London ...	20.1	0 39	11.6	2.4	31
Kirkby-in-Ashfield	18.8	0.75	9.42	5.33	45

Births.

Live Births.		Male.		Female.		Total.
Legitimate	....	183	....	181	....	364
Illegitimate	....	2	....	9	....	11

Still-Births.						
Legitimate	....	8	....	5	....	13
Illegitimate	....	1	....	1	....	2

Birth-rate per 1,000 of the population 18.8

		Male.		Female.		Total
Deaths	....	103	....	85	....	188

Death-rate per 1,000 of the population 9.42

No. of women dying in, or in consequence of child-birth :—

From Puerperal Sepsis —

From Other Causes —

Total deaths of Infants under 1 year 17

Total death-rate per 1,000 live births 45.3

Deaths from Cancer (all ages) 32

Deaths from Measles (all ages) 1

Deaths from Whooping Cough (all ages) 1

Deaths from Diarrhoea (under 2 years of age) 2

Births and Birth-Rate.

The total number of births registered during the year was 390, 194 males and 196 females. Of these, there were 11 illegitimates, 2 males and 9 females. There were 375 live births, and 15 still-births. This gives a birth Rate of 18.8 per 1,000 of the population, as compared with 22.39 per 1,000 of the previous year.

Birth Rate for the district for the last 10 years :—

1948	....	18.8	per 1,000 of the population.
1947	....	22.39	„ „
1946	....	21.93	„ „
1945	....	21.8	„ „
1944	....	23.1	„ „
1943	....	22.1	„ „
1942	....	20.6	„ „
1941	....	18.6	„ „
1940	....	16.9	„ „
1939	....	15.7	„ „

Deaths and Death Rate.

There were 188 deaths recorded in 1948.

Males	103	Females	85
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This gives us an annual death-rate of 9.42 per 1,000 of the population.

The classification of deaths is as follows :—

	Male.	Female.	Total
Cerebro-Spinal Fever	—	—	—
Whooping Cough	—	1	1
Scarlet Fever	—	—	—
Diphtheria	—	—	—
Tuberculosis of the respiratory system	5	1	6
Other forms of Tuberculosis	—	—	—
Syphilitic Diseases	1	1	2
Influenza	—	—	—
Measles	1	—	1
Cancer of oesophagous and uterus	2	2	4
„ stomach and duodenum	—	2	2
„ breast	—	2	2
„ all other sites	19	5	24
Diabetes	1	—	1
Intracranial vascular lesions	7	13	20
Other diseases of the circulatory system	3	3	6
Heart diseases	22	26	48
Bronchitis	8	3	11
Pneumonia	4	7	11
Other respiratory diseases	2	4	6
Ulcer of stomach and duodenum	1	1	2
Diarrhoea under 2 years	2	—	2
Appendicitis	—	—	—
Other digestive diseases	4	—	4
Nephritis	3	3	6
Puerperal Sepsis	—	—	—
Other maternal causes	—	—	—
Premature birth	—	1	1
Congenital malformations, etc.	5	2	7
Suicide	—	1	1
Road traffic accidents	—	—	—
Other violent causes	5	1	6
All other causes	8	6	14
	<u>103</u>	<u>85</u>	<u>188</u>

TABLE I.

Showing Deaths in Wards at all ages :—

		East Ward	West Ward	South Ward	Totals
1st Quarter	....	19	23	12	54
2nd Quarter	....	24	16	4	44
3rd Quarter	....	21	14	7	42
4th Quarter	....	21	17	10	48
Totals	1948	85	70	33	188
	1947	106	68	47	221
„	1946	93	84	41	218
„	1945	105	63	36	204
„	1944	101	62	38	201
„	1943	91	77	37	205
„	1942	84	71	41	196
„	1941	89	92	36	217
„	1940	103	71	49	223
„	1939	106	75	40	221

Death Rate for the whole district for the last ten years :

1948	....	9.42	per 1,000 of the population.
1947	....	11.46	„ „
1946	....	11.52	„ „
1945	....	11.2	„ „
1944	....	11.2	„ „
1943	....	11.4	„ „
1942	....	10.7	„ „
1941	....	11.4	„ „
1940	....	11.9	„ „
1939	....	11.1	„ „

Infantile Mortality.

There were 17 deaths of Infants registered during the year. Of these 11 were boys and 6 girls.

This gives an infantile mortality of 45.3 per 1,000 live births, as compared with 44.0 of the previous year.

The classification of deaths is as follows :—

Atelectasis	....	....	....	1
Broncho-Pneumonia	....	....	....	7
Cerebral Haemorrhage due to Precipitate Labour	....	....	....	1
Chronic Enteritis	....	....	....	1
Congenital Heart	....	....	....	2
Congenital Intestinal Obstruction	....	....	....	1
Gastro-Enteritis	....	....	....	1
Haemalytic Disease of the Newborn	....	....	....	1
Intra-Cranial Haemorrhage	....	....	....	1
Prematurity	....	....	....	1
				<hr/> 17 <hr/>

Infantile Mortality for the whole district for the last ten years per 1,000 births :—

1948	....	45.3	1943	....	59.8
1947	....	44.0	1942	....	58.3
1946	....	50.6	1941	....	74.1
1945	....	47.8	1940	....	70.0
1944	....	40.7	1939	....	73.8

Section B.

General Provision of Health Services in the Area.
Maternity and Child Welfare. Health Visitors' Report.

Live Births Registered :—

	Males.	Females.	Total.
Legitimate	183	181	364
Illegitimate	2	9	11

Still Births :—

Legitimate	8	5	13
Illegitimate	1	1	2

Births Notified :—388.

	Males.	Females.
Legitimate	193	175
Illegitimate	2	5
Still-births	6	7
Infantile Deaths 17.	Rate per 1,000 births 45.3.	
	Males 11. Females 6. Total 17.	

Total number of visits :	To Expectant Mothers	72
	To newly born	349
	To infants under 1 year	1099
	To children over 1 & under 5 years	3785

The above consists of work done in the two districts into which the work is divided.

Miss Tideswell.			Miss Bradley.		
First Visits	176		First Visits	173	
Re-visits (under 1 year)	524		Re-visits (under 1 year)	575	
Re-visits 1 to 5 years	1745		Re-visits 1 to 5 years....	2040	
Ante-Natal, first visits	12		Ante-Natal, first visits	60	
Homes visited	2055		Homes visited	2415	

Child Welfare Clinic.

These are held in the Clinic Building, Urban Road. There were 96 sessions held during the year. The total attendances at all sessions were 6,072. Of these 3,835 were children under 1 year, and 2,237 were between 1 and 5 years of age. Of the children attending the Clinic for the first time during 1948, 289 were under 1 year of age, and 35 were between 1 and 5 years of age.

Doctors' consultations at all Child Welfare sessions totalled 507.

44 Children were sent for treatment to the Orthopaedic Clinic, Mansfield.

The number of midwives practising in the area is 4.

Distribution of Food, Etc., 1948.

Goods sold during the year :—

	£	s.	d.
91 jars M.O.P.	6	1	4
8411 lbs. Cow and Gate	924	16	1
5949 lbs. Ostermilk	562	3	6
248 lbs. Ambrosia	25	4	6
3958 tins Ovaltine	319	0	0
624 cartons Virol	41	12	0
430 tins Colact	41	9	8
502 jars Maltoline	33	18	8
2807 tins Trufood	406	0	2
376 tins Lactogol	23	10	0
2854 Adexolin Capsules	71	4	0
242 bottles Cod Liver Oil	14	0	8
7632 packets I.C.D. Tablets	5	1	7
58 Maternity Outfits	21	5	0
1736 Liquid Adexolin	72	6	8
26192 Halibut Oil Capsules	42	6	9
5675 Calcium Tablets	4	8	10
83 Halibut Oil	5	14	4
161 Neo-Ferrum	2	17	4
Miscellaneous Items (Combs & Teats)	7	10	0
	2630	11	1
Goods Sold in South Ward	255	5	2
Total	£2885	16	3

Goods given away in cases of distress :—

	£	s.	d.
68 lbs. Cow and Gate	7	9	5
192 lbs. Ostermilk	17	19	9
9 jars Maltoline		12	0
3 tins Trufood		8	6
53 Maternity Outfits	19	5	3
4 jars M.O.P.		5	4
4 tins Lactogol		5	0
17 tins Ovaltine	1	6	11
	£47	12	2

Goods given away in 1948 cost £47 12s. 2d. against £58 4s. 10d. in 1947.

Ante-Natal Clinic.

Fifty-three sessions were held during the year 1948, and 327 individual mothers visited the Clinic, making a total of 987 attendances. This works out at 84% of the expectant mothers in the district who have availed themselves of the facilities given by the Clinic.

Of the 327 cases, we had to send 28 to a specialist for further advice, in other words, about 8.5% of the cases.

21 complicated maternity cases were admitted to the Women's Hospital, Nottingham. 80 Mothers were sent to the Mansfield Worksop and Basford Institutions owing to "unsuitable home conditions." and 9 cases were sent for X-Ray.

Maternity and Child Welfare Dental Services.

By arrangement with the County Council, one of the School Dental Officers employed by the County Council undertakes dental treatment for the Urban District Council.

He holds one session a week at the Clinic, and the work consists of extractions, fillings, X-Rays, and dentures available to expectant and nursing mothers and young children.

Details of the work done during 1948 is as follows :—

A. EXPECTANT AND NURSING MOTHERS—

Referred for dental inspection	....	....	71
Attendances made	....	....	349
Inspected for the first time	....	....	77
Commencing course of treatment	....	....	40
Teeth extracted	....	....	275
" Gas " administrations....	....	....	14
Fillings inserted	....	....	33
Impressions taken for dentures	....	....	49
Dentures inserted	....	....	42
Miscellaneous operations	....	....	108
Completed cases	....	....	50

B. CHILDREN UNDER FIVE YEARS—

Attendances made	....	....	42
Inspected for the first time	....	....	33
Commencing course of treatment	....	....	31
Temporary teeth extracted	....	....	41
" Gas " administrations....	....	....	2
Fillings inserted	....	....	7
Miscellaneous operations	....	....	4

Sanitary Circumstances of the Area.

Section C.

1.—WATER.

The District is supplied from the Council's deep wells situated near Norman's Hollow. This supply is augmented by purchasing a limited amount from the Sutton-in-Ashfield Urban District Council. During the year 231,511,000 gallons were supplied from our own pumping station and 21,254,000 gallons were purchased from Sutton-in-Ashfield Urban District Council. Other sources of water supply to houses in the District are as follows:—

1. The National Coal Board supply about 381 of their own houses in the immediate neighbourhood of the Kirkby Colliery.
2. The Meden Valley Water Board supply 24 cottages in the Pinxton side of the District.
3. Nottingham Corporation Water Department supply 42 houses in the Selston end of the District.

Apart from seven isolated cottages, every house in the District has a piped supply.

Repeated bacteriological and chemical analyses were carried out of the Council's water supply and the results showed that the water was satisfactory both in its chemical and bacterial quality. A typical result is as follows:—

CHLORINATED WATER.

This sample contains per 100,000 parts:—

Total Solids dried at 180°C.	....	....	....	210.00
Suspended Matter	....	....	....	absent
Chlorides as chlorine	....	....	....	17.80
Oxidised Nitrogen as nitrate	....	....	....	3.60
Oxidised Nitrogen as nitrite	....	....	....	absent
Free Ammonia	....	....	....	0.0040
Albuminoid Ammonia	....	....	....	0.0040
Temporary Hardness	....	....	....	70.00
Permanent Hardness	....	....	....	60.00
Oxygen absorbed in 4 hrs. at 80°F. from N/80				
KMnO ₄	....	....	....	0.16
pH value	....	....	....	7.70
Appearance	....	....	....	clear and bright
Odour	....	....	....	none
Taste and colour	....	....	....	normal
Heavy Metals	....	....	....	absent
Free Chlorine	....	....	....	absent

RAW WATER.

No. of colonies developing per ml. on agar at 21°C.	
in 72 hrs.	25
No. of colonies developing per ml. on agar at 37°C.	
in 24 hrs.	0
No. of colonies developing per ml. on agar at 37°C.	
in 48 hrs.	3
Coli-aerogenes count per 100 mls. at 37°C. in	
48 hrs.	0
Faecal coli count per 100 mls. at 44°C. in 48 hrs.	0
Bacillus Coli (Presumptive)	Absent in 100 mls.

Further complaints were received during the year from residents of the Sutton Road area regarding shortage of water. I understand that this is due to lack of pressure in the area.

2.—SEWERAGE.

There were no important additions made to the Council's sewage disposal scheme. Many complaints were received concerning drains overflowing during times of heavy rain. This is due to the main sewers being inadequate to deal with the increased volume of water.

*Section D.***Housing.****Erection of New Houses.**

Number of new houses erected during the year :—

Permanent houses	146
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1.—Inspection of Dwelling-houses during the year.

(1) (a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	262
(b)	Number of inspections made for the purpose	697
(2) (a)	Number of dwelling-houses (included under sub-head (1) above, which were inspected and recorded under the Housing Consolidated Regulations, 1946	19
(b)	Number of inspections made for the purpose	84
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head found not to be in all respects reasonably fit for human habitation	262

2.—Remedy of Defects during the year without service of formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	117
---	-------	-----

3.—Action under Statutory Powers during the year.

A.—Proceedings under Sections 9, 10 & 16 of the Housing Act, 1936 :—

(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	7
(2)	Number of dwelling-houses which were rendered fit after service of formal notice :—	
(a)	By Owners	3
(b)	By Local Authority in default of owners	4

B.—Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	....	....	....	....	....	64
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :						
(a) By owners	....	....	....	....		72
(b) By Local Authority	....	....	....	....		Nil

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936.

(1) Number of dwelling-houses in respect of which Demolition Orders were made	....	....				Nil
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	....	....				Nil

D.—Proceedings under Section 12 of the Housing Act, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	....	....	....	....	....	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	....	....	....	....	....	Nil

Housing Act, 1936.—Overcrowding.

Owing to the lapse of time since the last overcrowding survey and to the unsettled state of the housing programme, it is impossible to give a definite estimation of the amount of overcrowding in the District.

Section E.

INSPECTION AND SUPERVISION OF FOOD.

- (a) MILK SUPPLY. (See Sanitary Inspector's Report).
- (b) MEAT AND OTHER FOODS. "
- (c) ADULTERATION, ETC. "

Extract from Report of the County Sanitary Inspector.

Article.	Examined by the Inspector.		Analysed by the Public Analyst. Result of Analysis.	Result of Proceedings, if any, taken in respect of adulterated samples.
	Number	Correct Incorrect		
Baby Food 			1 Genuine	
Butter 			1 Genuine	
Celery Salt 			1 Genuine	
Chocolate Spread 			1 Genuine	
Milk 	11	11 —		
Oil, Culinary 			1 Genuine	
Peas, tinned 			1 Genuine	
Pepper, white 			3 Genuine	
Saline Mixture 			1 Genuine	
Sausage Meat 			1 Genuine	
Sweets 			2 Genuine	
Syrup of Figs 			1 Genuine	

*Section F.***Prevalence of and Control of Fever, Infectious and Other Diseases.**

During the year we had 522 cases of Infectious Diseases compared with 604 of the previous year.

There were no cases of Diphtheria during the year.

TABLE I.
Infectious Diseases Notified, 1948.

		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	11 to 15	16 to 20	21 to 35	36 to 45	46 to 65	66 and over	Totals
Scarlet Fever	....	...	3	4	2	6	16	8	2	...	...	...	...	41
Pneumonia	....	...	1	...	...	1	2	1	1	3	2	3	1	15
Erysipelas	....	...	...	...	...	...	...	...	1	1	4	3	...	9
Puerperal Pyrexia	....	...	...	...	...	...	...	...	...	1	...	...	...	1
Ophthalmia Neonatorum	....	1	...	...	...	...	...	...	...	...	...	...	...	1
Measles	....	22	41	39	49	43	124	4	1	...	...	...	...	323
Whooping Cough	....	9	14	20	32	13	33	2	...	...	...	...	...	123
Tuberculosis :—														
(a) Pulmonary	M	...	...	...	...	...	...	...	1	2	...	...	1	4
	F	...	...	...	...	...	...	...	3	2	...	...	...	5
(b) Non-Pulmonary	M	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	....	32	59	63	83	63	175	15	9	9	6	6	2	522

TABLE II.

Infectious Diseases Occurring in Wards.

	East Ward	West Ward	South Ward	Totals
Scarlet Fever	14	15	12	41
Pneumonia	7	5	3	15
Erysipelas	4	4	1	9
Puerperal Pyrexia	—	—	1	1
Ophthalmia Neonatorum	1	—	—	1
Measles	193	67	63	323
Whooping Cough	70	25	28	123
Tuberculosis	6	2	1	9
Totals	295	118	109	522

TABLE III.

Showing Notifiable Diseases occurring in months :—

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Scarlet Fever	...	3	2	1	4	6	4	...	5	7	2	7	41
Pneumonia	3	2	2	1	1	...	1	...	...	2	1	2	15
Erysipelas	1	...	2	...	.	...	2	1	...	...	1	2	9
Puerperal Pyrexia	...	...	...	...	...	1	.	.	...	...	...	...	1
Ophthalmia Neonatorum	...	...	...	...	..	1	...	...	...	...	...	...	1
Measles	7	3	97	86	44	16	38	9	2	5	6	10	323
Whooping Cough	11	6	50	42	4	2	4	2	1	...	1	...	123
Tuberculosis	1	3	...	...	1	2	2	...	...	...	...	...	9
Totals	23	17	153	130	54	28	51	12	8	14	11	21	522

TABLE IV.

Disease			Total Cases Notified	Cases Admitted to Hospital	Total Deaths
Scarlet Fever	...	...	41	15	Nil
Pneumonia	...	...	15	Nil	11
Erysipelas	...	...	9	„	Nil
Puerperal Pyrexia		...	1	„	„
Ophthalmia Neonatorum		...	1	„	„
Measles	...	...	323	1	1
Whooping Cough		...	123	„	1

Diphtheria Prophylaxis.

Statistics for Diphtheria Immunisation to 31st December, 1948.

	Under 5.	5-15 Years.	Total.
Completed Treatment :—			
Under Scheme of Local Authority	176	9	185
By Private Practitioners	6	—	6
	<u>182</u>	<u>9</u>	<u>191</u>
Percentage of School Children Immunised			93.5%
Percentage of Children 1-5 years Immunised			76%
Number of Children who failed to complete the course of Immunisation			8

There were 28 sessions held during the year in connection with Immunisation.

223 School Children were given a third injection.

TABLE V.

Age Period	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	...		...		...		...
1	...		...		...		...
5	...		...		...		...
10	...		...		...		...
15	0	2	...		...		...
20	3	2	...		2	0	...	
25	0	1	...		...		...
35	...		...		1	1	...	
45	...		...		1	0	...	
55	...		...		...		...
65 upwards	1	0	...		1	0	...	
	4	5	...		5	1	...	

It was not found necessary to take action under the Public Health (Prevention of Tuberculosis Regulations) 1925, or under Section 172, Public Health Act, 1936.

FACTORIES.

1.—Inspections for purposes of provisions as to health.

Including inspections made by the Sanitary Inspector.

Premises (1)	Number of		
	Inspec- tions (2)	Written Notices (3)	Occupiers Prosecuted (4)
Factories with mechanical power	9	1	Nil
Factories without mechanical power ...	10	Nil	Nil
Other premises under the Act (including works of building and engineering construction, but not including outworkers' premises ... ..)	...	...	Nil
TOTAL ...	19	1	Nil

2.—Defects found.

Particulars	Number of Defects			Number of defects in respect of which prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	
Want of Cleanliness ...	...	...	...	...
Overcrowding ..	...	...	...	...
Unreasonable temperature	...	...	...	...
Inadequate ventilation ...	...	...	...	...
Ineffective drainage of floors ...	...	...	...	...
Sanitary Conveniences—				
Insufficient ...	...	...	...	...
Unsuitable or Defective ...	4	4	...	...
Not separate for sexes ...	...	...	...	...
Other offences ...	...	...	...	...
(Not including offences relating to Home Work or offences mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1929, and re-enacted in the Third Schedule to the Factories Act, 1937)				
TOTAL ...	4	4	Nil	Nil

Report of the Senior Sanitary Inspector.

For the Year ended 31st December, 1948.

I beg to submit my tenth Annual Report as your Senior Sanitary Inspector.

HOUSING.

Housing repair work was again greatly restricted during 1948, but every effort was made to remedy the more serious defects.

The shortage of labour and certain materials hindered the department in obtaining compliance with notices.

262 houses were inspected during the year, and 196 were repaired.

DRAINAGE AND SANITARY WORK.

The duties of the Department include the sanitary supervision of these works, the investigation of complaints relating to them, and the testing and inspection of new and old drainage. During the year 124 new drains were tested before being filled in.

537 Complaints were received relating to choked drains.

49 Drains were repaired or reconstructed following examinations as a result of complaint or for other reasons.

RIVERS AND STREAMS.

An Inspector is employed by the County Council to supervise the purity of rivers and streams.

CLOSET ACCOMMODATION.

The closet accommodation of the district at the end of the year was as follows :

Water Closets	5780
Pail Closets (approximately)	30

DISINFECTION.

46 Houses were disinfected after the occurrence therein of Infectious Disease. This work is done immediately on notification by the Medical Practitioner attending the case.

14 Consignments of bedding and clothing were treated at the Council's Steam Disinfector following Infectious Disease.

DISINFESTATION.

20 houses were disinfested.

PETROLEUM ACTS AND REGULATIONS.

My duties include those of Petroleum Inspector. During the year 24 licences were granted for the storage of Petroleum Spirit and the income derived therefrom was £13 5s. 0d.

NOTICES AND PROCEEDINGS.

During the year there were 365 preliminary notices and 150 statutory notices issued, of which 428 were complied with, the remainder being carried forward to 1949.

There were 155 interviews with owners of property during the year.

COMPLAINTS.

The following is a list of complaints received by the Department during the year :—

Drain blockages	....	....	....	537
Defective housing conditions	....	....	....	147
Overcrowding	..	....	....	8
Dirty or verminous houses	....	....	....	6
Defective W.C.'s	....	....	....	58
Defective drainage	....	....	....	14
Infestations of rats and mice	....	....	....	6
Accumulation of refuse	....	....	....	1
Flooding premises	....	....	....	2
Infestations of insect pests	....	....	....	5
Nuisance from keeping of animals	....	....	....	1
Nuisance from smoke	....	....	....	1

INSPECTIONS DURING 1948.

Inspected under Public Health Acts	243
Inspections made for the purpose	641
Dwellinghouses inspected under the Housing Acts	19
Inspections made for the purpose	78
Inspected after cases of Infectious Diseases	45
Inspected re-overcrowding	28
Inspection of verminous premises	50
Inspections of sanitary conveniences, ashes receptacles, etc.	456
Cowsheds and Dairy Inspections	87

DRAINAGE.

New drains approved	96
New drains disapproved	28
Old drains inspected or tested	74

MISCELLANEOUS.

Refuse Tips	160
Foodshops	111
Offensive Trades	1
Bakehouses	2
Water samples for analysis	10
Factories	19
Piggeries	39
Rats and Mice Infestation	79
Accumulation of refuse	1
Keeping of Animals	1
Interviews with owners	155

SANITARY IMPROVEMENTS EFFECTED.

Notices complied with	428
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HOUSING.

Roofs repaired	105
Rainwater fall pipes and eaves gutters repaired or renewed	50
Verminous houses cleansed	20
Defective windows repaired or replaced	82
Windows provided with new sashcords	62
Defective plaster repaired	198
Handrails provided to staircases	19
Staircases repaired	2

Floors repaired or renewed	....	....	42
Doors and door frames repaired	....	....	45
Insanitary sinks replaced by glazed earthenware sinks	....	....	8
Insanitary waste pipes replaced	....	....	17
Washing coppers repaired or renewed	....	....	21
Yards or passages repaved	....	....	42
Houses provided with damp-proof courses			14
Houses provided with water supply	....		1
Water services repaired	....	....	12
Walls repointed or repaired	....	....	68
External walls rendered to abate dampness			3
Chimney stacks repointed or repaired	....		31
New chimney pots provided	....	....	12
Houses provided with food stores	....		2
Fireplaces repaired or renewed	....	....	71
Boundary fences repaired or provided	....		2
Coalstores provided	....	....	2
Dustbins renewed	....	....	98

DRAINAGE.

Houses completely redrained	....	....	1
Drains repaired or reconstructed	....		31
Inspection chambers repaired or reconstructed			4
New covers provided to inspection chambers			3
Sanitary surrounds to gullies constructed			10

WATERCLOSETS.

Defective watercloset pedestals replaced			26
Water supplies provided or repaired	....		95
Watercloset seats renewed	....	....	6
Roofs repaired	....	....	34
Walls rebuilt or repaired	....	....	25

GENERAL.

Deposits of refuse removed	....	....	8
Rat infestation abated	....	....	8
Nuisance from keeping of animals abated	....		4
New and approved piggeries erected		13

FABRICIES.

Waterclosets repaired	4
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COWSHEDS AND DAIRIES.

New Dairies provided	1
New Cowsheds erected	2

Food Inspection and Supervision.
MEAT INSPECTION.

One slaughterhouse in the Urban District is used for the killing of pigs. In addition a number of visits were made to inspect householders' pigs which had been killed following authorisation by the Food Executive Officer.

There are 25 meat shops in the district.

Food Inspected and Condemned 1948.

Visits to inspect pigs	....	....	....	258
Number of pigs inspected	....	....	....	3695

AFFECTED WITH TUBERCULOSIS.

4 Pigs' carcasses and all internal organs.
2 Forequarters.
3 Shoulders.
89 Pigs' plucks.
209 Pigs' heads.
Weight, 4,417 lbs.

AFFECTED WITH OTHER DISEASES OR UNSOUND CONDITIONS.

55 Pigs' kidneys	....	....	....	Nephritis
169 Pigs' kidneys	....	....	....	Cysts
1 Pig's pluck	....	....	....	Pneumonia
10 Pigs' plucks	....	....	....	Cysts
1 Portion of loin	....	....	....	Abscesses
1 Portion of loin	....	....	....	Tumour
31 Pigs' livers	....	....	....	Cirrhosis
3 Pigs' livers	....	....	....	Abscesses
3 Pigs' livers	....	....	....	Hydatid Cysts
1 Pig's carcass and all internal organs	....	....	....	Septic Pericarditis
1 Pig's carcass and all internal organs	....	....	....	Suffocation
1 Pig's carcass and all internal organs	....	....	....	Erysipelas
1 Portion of a pig's carcass	....	....	....	Bruising
1 Portion of a pig's carcass	....	....	....	Urticaria
1 Portion of a pig's carcass	....	....	....	Erysipelas
Weight, 706 lbs.				

Being a total weight affected of 5,123 lbs., or 2 tons, 5 cwts. 3 qrs.

OTHER FOOD CONDEMNED.

Imported Beef	....	....	....	383 lbs.
Corned Beef	....	....	....	139 lbs.
Steak	....	....	....	44 lbs.
Stewed Steak	....	....	....	2 tins.
Luncheon Meat	....	....	....	2 tins.
Potted Meat	....	....	....	1 tin.
Cod	....	....	....	196 lbs.
Plaice	....	....	....	126 lbs.
Mackerel	....	....	....	28 lbs.
Kippers	....	....	....	42 lbs.
Crab Paste	....	....	....	1 tin.
Mussels	....	....	....	12 tins.
Baked Beans	....	....	....	3 tins.
Tomatoes	....	....	....	16 tins.
Tomato Juice	....	....	....	4 tins.
Potatoes	....	....	....	1 tin.
Rhubarb	....	....	....	1 tin.
Sweet Corn	....	....	....	33 tins.
Fruit	....	....	....	5 tins.
Apricot Jam	....	....	....	12 lbs.
Marmalade	....	....	....	12 ozs.
Evaporated Milk	....	....	....	12 tins.
Tea	....	....	....	6 lbs.
Biscuits	....	....	....	32 lbs.
Eating Apples	....	....	....	16 lbs.

SLAUGHTER OF ANIMALS ACT, 1933.

There are 34 licensed slaughtermen in the district.

MILK SUPPLY.

There are 40 dairy farms and 37 retail purveyors in the district.

The following milks are retailed in the district :—

Accredited Milk.

Pasteurised Milk.

Ordinary Raw Milk.

Tuberculin Tested Milk.

87 Visits were paid to Cowsheds and Dairies in the area in connection with the Milk & Dairies Order, and some unsatisfactory conditions were remedied following informal action.

Public Cleansing.

This report covers the period ending March 31st, 1949.

TRANSPORT.

Transport units of the Cleansing Department comprise the following :—

- 1 Karrier Bantam 7 cubic yards capacity.
- 1 S.D. Freighter 7 cubic yards capacity.
- 1 Dennis 7 cubic yards capacity.
- 1 Bedford side-loading vehicle 2 tons.
- 1 Tumbler cart for night-soil work.

A horse is hired for one half-day per week for work with the tumbler cart for the collection of nightsoil in the unsewered parts of the area.

REFUSE COLLECTION.

A weekly collection of household refuse was maintained throughout the year.

During the year 3,179 loads of refuse comprising 7,795 tons 7 cwts. were collected. (This tonnage figure is estimated from periodic test weighings).

ANALYSIS IN WARDS OF REFUSE COLLECTED.

	East Ward.			West Ward.		
	Loads.	Tons.	cwts.	Loads.	Tons	cwts.
1st Quarter	347	807	5	284	705	5
2nd Quarter	305	712	3	264	656	16
3rd Quarter	331	779	10	296	723	1
4th Quarter	377	891	5	342	859	17
	<u>1360</u>	<u>3190</u>	<u>3</u>	<u>1186</u>	<u>2944</u>	<u>19</u>
	South Ward.			Totals.		
	Loads.	Tons	cwts.	Loads.	Tons	cwts.
1st Quarter	155	410	15	786	1923	5
2nd Quarter	150	382	1	719	1751	0
3rd Quarter	159	413	4	786	1915	15
4th Quarter	169	454	5	888	2205	7
	<u>633</u>	<u>1660</u>	<u>5</u>	<u>3179</u>	<u>7795</u>	<u>7</u>

SALVAGE.

The following is a list of salvaged articles collected during the year :—

			Tons	cwts.	qrs.		£	s.	d.
Waste Paper	....	....	101	2	0	....	645	15	11
Textiles	....	....	3	0	2	....	34	0	3
Bones	....	....		10	2	....	1	6	11
			104	13	0	....	£681	3	1

Refuse Disposal.

DESTRUCTOR.

304 loads or 689 tons, 18 cwts. of refuse were disposed of by burning in the 3-cell refuse destructor.

212 loads, or 525 tons, 12 cwts. of clinker were removed from the destructor to the Lime Street tip.

TIPS.

Tipping was carried on during the year at the Lane End Tip.

2,875 loads, or 7,105 tons, 9 cwts. of refuse were tipped. This is approximately 91% of the total refuse collected.

DEPOT.

It is essential that improved washing facilities should be provided for the employees of the department as soon as this becomes practicable.

INCOME.

			£	s.	d.
Sale of salvaged materials	....	....	681	3	1
Income from Collection of Trade Refuse	...		20	16	0
			£701	19	1

In conclusion, I wish to thank Dr. A. B. Clark, who has always been willing to support any suggestions put forward to bring about improvements.

I should also like to thank members of the staff for their ready assistance during the year.

I am,

Your obedient Servant,

I. M. MASSEY,
Senior Sanitary Inspector.

